



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

PROCESS EMISSION SOURCE ADDENDUM

TANK

FOR AGENCY USE ONLY

1. NAME OF OWNER: Waste Management of Illinois, Inc.	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): CID
3. STREET ADDRESS OF EMISSION SOURCE: 138th & Calumet Expressway	4. CITY OF EMISSION SOURCE: Calumet City, Illinois

TANK INFORMATION

5. NAME OF TANK MANUFACTURER: Peabody Tech-tank	6. DESIGNATION OF TANK: Sequencing Batch Reactor (SBR)	
7. SERIAL NUMBER: Tank No's 3	8. CAPACITY: 105,000 Gal.	
9. TANK USE: Sequencing Batch Reactor	10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____		
12. TANK DIAMETER: 32 FT	13. TANK HEIGHT: 19 FT	14. TANK LENGTH: N/A FT
15. STATUS: <input type="checkbox"/> EXISTING <input checked="" type="checkbox"/> New ALTERATION	16. TANK TYPE: <input type="checkbox"/> PRESSURE <input type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input checked="" type="checkbox"/> OTHER(SPECIFY) Open	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input checked="" type="checkbox"/> OTHER (SPECIFY) > 110% Containment	18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 1' - 6" FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input type="checkbox"/> WELDED <input checked="" type="checkbox"/> OTHER(SPECIFY) Bolted	20. PAINT COLOR: White	

VENT VALVE DATA

TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. X	b. 0 PSIG	c. Tanks are open top - no cover enclosed in process building

EPA Region 5 Records Ctr.



304144

MATERIAL TO BE STORED

25. MATERIAL: Landfill Leachate/Wastewaters	26. DENSITY: Estimated - 62.4 LB/FT ³	27. VAPOR PRESSURE AT 70°F: Est. (50PSF) 0.35 PSIA
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STORAGE CONDITIONS

28. STORAGE TEMPERATURE: MINIMUM 50 °F MAXIMUM Ambient °F	29. TANK TURN OVER PER YEAR: 22,500,000 <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/
30. MAXIMUM FILLING RATE: 150,000 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY	31. AVERAGE THROUGHPUT: 78,675 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.



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TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: Corning		6. DESIGNATION OF TANK: Storage/Blend Tanks	
7. SERIAL NUMBER: Tank No's 24, 25		8. CAPACITY: 30,000 Gal.	
9. TANK USE: Storage & Blending of Landfill/Leachate/ Wastewater		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 10	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____			
12. TANK DIAMETER: 12'-0" FT	13. TANK HEIGHT: 36'-0" FT	14. TANK LENGTH: N/A FT	
15. STATUS: <input type="checkbox"/> EXISTING <input checked="" type="checkbox"/> RECONDITIONED/ALTERATION		16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input checked="" type="checkbox"/> OTHER (SPECIFY) 110% Containment		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 1'-2" FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input type="checkbox"/> WELDED <input checked="" type="checkbox"/> OTHER(SPECIFY) Glass Wrapped		20. PAINT COLOR: White	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. 1	b. 0 PSIG	c. Atmosphere

MATERIAL TO BE STORED

25. MATERIAL: Landfill Leachate/Wastewaters	26. DENSITY: Estimated 62.4 LB/FT ³	27. VAPOR PRESSURE AT 70°F: 0.35 Estimated (50psd) PSIA
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STORAGE CONDITIONS

28. STORAGE TEMPERATURE: MINIMUM 50 °F MAXIMUM Ambient °F	29. TANK TURN OVER PER YEAR: 22,500,000 Total all tanks Phase I <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
30. MAXIMUM FILLING RATE: 150,000 all tanks <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY	31. AVERAGE THROUGHPUT: 78,675 all tanks Phase I <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	33. PERMANENT SUBMERGED LOADING PIPE USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.



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TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: To be selected		6. DESIGNATION OF TANK: Truck unload tanks	
7. SERIAL NUMBER: Tank No. 3		8. CAPACITY: 9,000 gallons	
9. TANK USE: Collection of landfill leachate/ condensate brought by trucks		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____			
12. TANK DIAMETER: 12 FT	13. TANK HEIGHT: 10' - 9" FT	14. TANK LENGTH: N/A FT	
15. STATUS: <input type="checkbox"/> EXISTING <input checked="" type="checkbox"/> New ALTERATION		16. TANK TYPE: <input type="checkbox"/> PRESSURE <input type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input checked="" type="checkbox"/> OTHER (SPECIFY) 110% Contain.		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: >5" FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____		20. PAINT COLOR: Light Tan	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. 1	b. 0 PSIG	mosphere

MATERIAL TO BE STORED

25. MATERIAL: Landfill leachate/condensate wastewater	26. DENSITY: 62.4 LB/FT ³	27. VAPOR PRESSURE AT 70°F: Est. (50 PSF) 0.35 PSIA
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STORAGE CONDITIONS

28. STORAGE TEMPERATURE: MINIMUM 50 °F MAXIMUM Ambient °F	29. TANK TURN OVER PER YEAR: 22,500,000 total all tanks <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/
30. MAXIMUM FILLING RATE: 150,000 all tanks <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY	31. AVERAGE THROUGHPUT: 78,675 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	33. PERMANENT SUBMERGED LOADING PIPE USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.